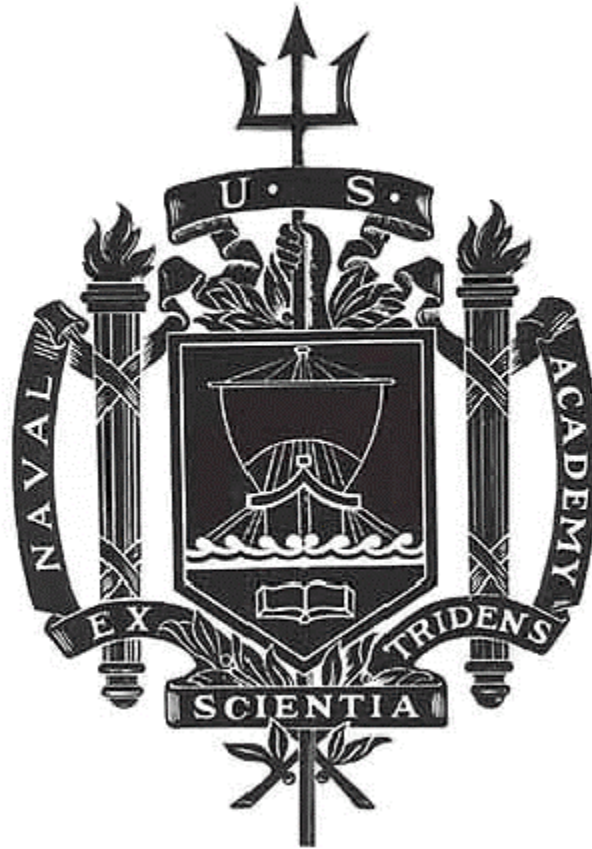# MAJORS BRIEFINGS

CLASS OF 2003

First, let's keep in mind that, when it comes to Classes at the Naval Academy, the

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Class of 2003

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Class of 2003
is

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Class of 2003
is
PRIME !

Briefing Topics

Why major?
What major?
Sources of information
Things to consider
Selection process
Special notes
Start exploring

Why major?

Why major?

Why major?

- Educational philosophy. Combine:
  - Breadth (core)
  - Depth (major)

Why major?

- Educational philosophy. Combine:
  - Breadth (core)
  - Depth (major)
-

Why major?

- Educational philosophy. Combine:
  - Breadth (core)
  - Depth (major)

-

- Because we (USN, USMC, USNA) said so...

Degree Requirements

Degree Requirements

- A midshipman at the U.S. Naval Academy must satisfy the following requirements in order to graduate and receive a degree:

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-

Degree Requirements

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-
-

- 1. Complete or validate the required core, divisional, and majors courses specified in the matrix for the assigned major. Matrices are prepared and revised by cognizant academic departments and approved by the Superin-tendent's Executive Board...

What major?

Majors at USNA

Division I	Division II	Division III
Engineering & Weapons	Mathematics & Science	Humanities & Social Sciences
Aerospace Eng EAS	Chemistry SCH	Economics FEC
Electrical Eng EEE	Computer Sci SCS	English HEG
General Eng EGE	General Sci SGS	History HHS
Mechanical Eng EME	Mathematics SMA	Political Science FPS
Naval Arch ENA	Oceanography SOC	
Ocean Eng EOE	Physics SPH	
Systems Eng ESE	Quant Economics SQE	

Division of Engineering and Weapons Majors

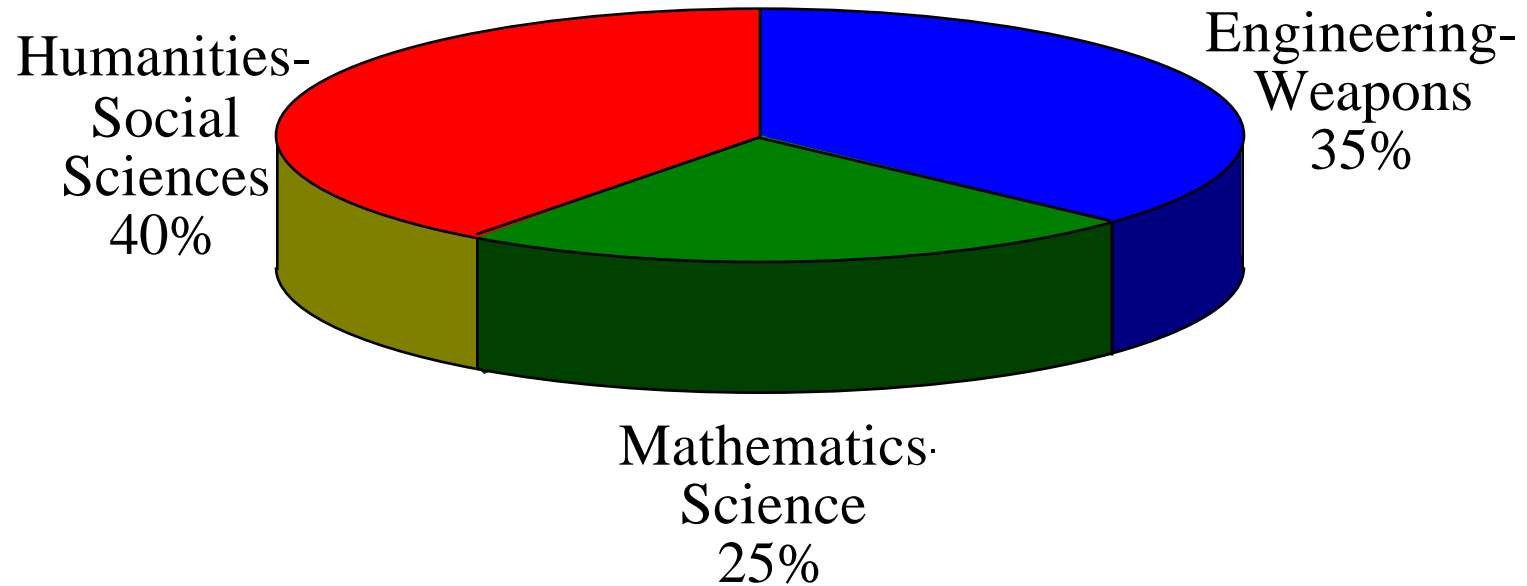|	4/C		3/C		2/C		1/C	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
C O R E	Leadership	Naval Science	Navigation	Ethics	Tactics	Leadership	Law for JO	JO Practicum
	Chemistry1	Chemistry2	Physics1	Physics2	EE1	EE2		
	Calculus1	Calculus2	Calculus3	Differential Equations		Intro Weapons	Wpns & Systems Eng	
	English1	English2	WestCiv1	WestCiv2				
	Naval Heritage	US Gov & Constitution			Humanities SocSci Elctv			Humanities SocSci Elctv
D I V								
M A J O R			Major Course	Major Course	Major Course	Major Course	Major Course	Major Course
			Major Course	Major Course	Major Course	Major Course	Major Course	Major Course
					Major Course	Major Course	Major Course	Major Course
							Major Course	Major Course

Division of Mathematics and Science Majors

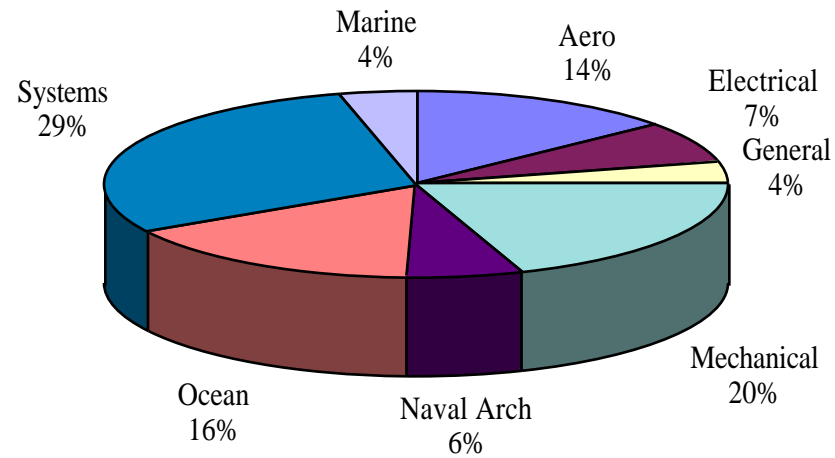|	4/C		3/C		2/C		1/C	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
C O R E	Leadership	Naval Science	Navigation	Ethics	Tactics	Leadership	Law for JO	JO Practicum
	Chemistry1	Chemistry2	Physics1	Physics2	EE1	EE2		
	Calculus1	Calculus2	Calculus3	Differential Equations		Intro Weapons	Wpns & Systems Eng	
	English1	English2	WestCiv1	WestCiv2				
	Naval Heritage	US Gov & Constitution			Humanities SocSci Elctv			Humanities SocSci Elctv
D I V							Naval Eng1	Naval Eng2
M A J O R			Major Course	Major Course	Major Course	Major Course	Major Course	Major Course
			Major Course	Major Course	Major Course	Major Course	Major Course	Major Course
					Major Course	Major Course	Major Course	Major Course

Division of Humanities and Social Sciences Majors

	4/C		3/C		2/C		1/C	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
C O R E	Leadership	Naval Science	Navigation	Ethics	Tactics	Leadership	Law for JO	JO Practicum
	Chemistry1	Chemistry2	Physics1	Physics2	EE1	Free Elctv		
	Calculus1	Calculus2	Calculus3	Probability & Statistics		Intro Weapons	Wpns & Systems Eng	
	English1	English2	WestCiv1	WestCiv2				
	Naval Heritage	US Gov & Constitution			Humanities SocSci Elctv			Humanities SocSci Elctv
D I V							Naval Eng1	Naval Eng2
			Language1	Language2	Language3	Language4		
M A J O R			Major Course	Major Course	Major Course	Major Course	Major Course	Major Course
					Major Course	Major Course	Major Course	Major Course
							Major Course	Major Course

Majors Distribution

Humanities-Social Sciences 40%

Engineering-Weapons 35%

Mathematics-Science 25%

Division I Majors Distribution

Marine 4%
Aero 14%
Electrical 7%
General 4%
Systems 29%
Mechanical 20%
Ocean 16%
Naval Arch 6%

Division II Majors Distribution

Physics 10%
Chem 11%
Computer Sci 23%
Oceano 33%
General 8%
Math 15%
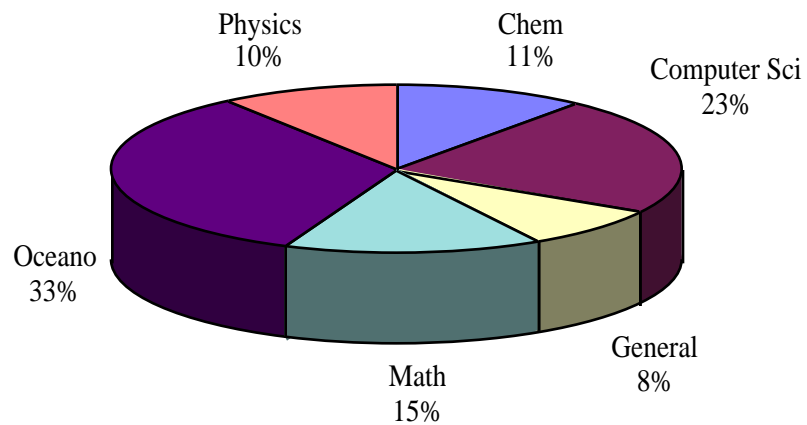
Division III Majors Distribution
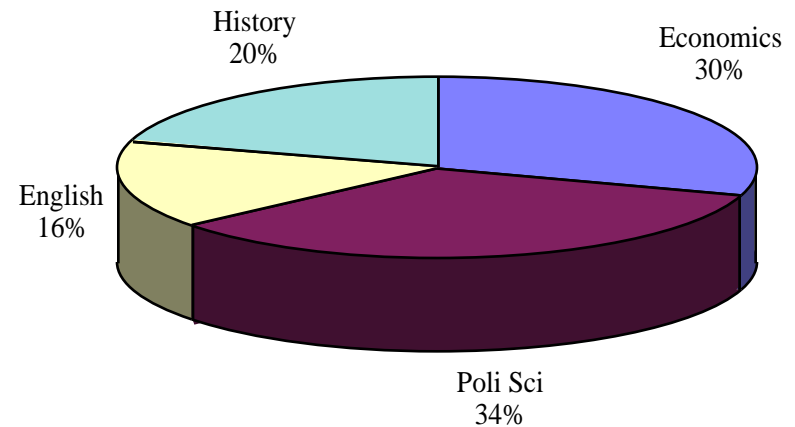
History 20%
Economics 30%
English 16%
Poli Sci 34%

Sources of information

Sources of Information

Sources of Information

- These briefings and department open houses

Sources of Information

- These briefings and department open houses
- Majors Book (Class of 2002 Book on web)

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- Upperclass midshipmen
- Friends, relatives??

Majors Program Book

Majors Program Book

- Changes to a Midshipman's Program

Majors Program Book

- Changes to a Midshipman's Program
- Sources of Information

Majors Program Book

- Changes to a Midshipman's Program
- Sources of Information
- Introduction

Majors Program Book

- Changes to a Midshipman's Program
- Sources of Information
- Introduction
- Distribution Requirements

Majors Program Book

- Changes to a Midshipman's Program
- Sources of Information
- Introduction
- Distribution Requirements
- Academic Administration

Majors Program Book

- Changes to a Midshipman's Program

- Sources of Information

- Introduction

- Distribution Requirements

- Academic Administration

- Academic Excellence

Majors Program Book

- Changes to a Midshipman's Program
- Sources of Information
- Introduction
- Distribution Requirements
- Academic Administration
- Academic Excellence
- Academic Deficiencies

Majors Program Book (contd.)

Majors Program Book (contd.)

- Course-Instructor Record

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record
- Notes

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record
- Notes
- Fourth Class Year

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record
- Notes
- Fourth Class Year
- The Majors

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record
- Notes
- Fourth Class Year
- The Majors
- Index

Majors Program Book (contd.)

- Course-Instructor Record
- Preregistration Record
- Notes
- Fourth Class Year
- The Majors
- Index
- Directory of Advisers

Academic Dean's Homepage

http://www.usna.edu/acdean

Academic Program

Descriptions of courses and majors. Academic requirements and opportunities.

Schedules

Calendars, class schedules, final examination schedules.

Rules & Regulations

SecNav, USNA, AcDean, Commandant instructions and notices relevant to the academic program.

Departments Divisions

Link to individual academic departments and divisions.

Organization

Dean's staff, Academic Divisions; Admin directories for USNA, NAPS, PG School, other Service Academies

Faculty Information

List of all faculty and staff. Salary information. Faculty Handbook.

Information for Alumni

Requesting transcripts.

Information for Candidates

Officer Faculty Opportunities

Permanent Military, Reservist, Rotational

Library

The Nimitz Library

Honors Lists

Superintendent's and Dean's Lists

Talks

Speeches, presentations, and briefings about the academic program.

Colloquia on the Core Curriculum

Faculty discussions on the core curriculum

Facilities Renovation

Academic building renovation plan

Academic Program

- Course Descriptions

- Majors Programs

Office of the Academic Dean & Provost
Associate Dean for Academic Affairs Frederic I. Davis
Comments to: fid@nadn.navy.mil
URL: http://www.nadn.navy.mil/AcDean/program.html
Last modified:Thursday, May 20, 1999 07:05:37

USNA homepage

USNA Academic Dean's homepage

Majors Programs at the Naval Academy

Current on-line majors program descriptions:

<div align="center">

Class of 2000 Majors Program
Class of 2001 Majors Program
Class of 2002 Majors Program

</div>

Descriptions of all Naval Academy courses may be found at the Course Catalog.

The course requirements for all midshipmen are the same in their first (fourth class or plebe) year at the Naval Academy. All of the courses taken in this year are part of the *core program.*

Midshipmen Information System

hawk.usna.edu

United States Naval Academy

About MIDS

General Academics

Ad Hoc Queries

Academic Center
Academic Dean
Commandant's Staff
Department Chair
Faculty
Logistics

Mid Personnel Office
Midshipmen
MISO
OPS Schedules
Physical Education
Registrar

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ITSD Administration

Revision Date : December 15,1999
URL : http://adhoc.usna.edu/MIDS/devel.html
Privacy & Security Notice

Midshipmen

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Absences and Excuses - Query
Academic Information - Query
Access Dates (for Midshipmen) - Query
COMAPs - Query
Conduct - Enter Plea
Conduct - Query Demerits and Standings
Conduct - Query Offenses
Courses - Preregister
Courses - Query Preregistration
Courses - Register
ECAs - Maintain Rosters
Excuses - Enter
Intramurals - Record Game Results
Intramurals - Sign-up
Leave - Enter
Leave Addresses - Maintain
MAPR - Query
Major - Declare
Major - Enter Preliminary Preferences
Matrices - Query Current Midshipman
Midshipmen - Performance Record
PE Course and PRT Scores - Query

Matrices - Query Current Midshipman

Alpha: 030401

Name: Michael Brent Barner

Class Year: 2003

Assigned Major:

Format for Current Major: MATRIX ▼   Submit

Major for Temporary Change: SMA ▼   Submit

Midshipmen Matrices

Group = MRT   Format = MATRIX   Temporary Major/Year: SMA/2003

Matrix Symbols: * Registered + Preregistered -- Major Requirement $ Summer School								
Alpha: 030401	Mid: BARNER MICHAEL B		Co: 31		Maj: SMA	Mtx Hrs: 38		
CQPR: 4.00	Projected CQPR: 4.00		#Courses: 11/10	HM/SS: 4/8	#300/400: 0/1	Adv: SMITH K		

Projected Graduation Date: MAY-2003

Deficiencies:

	Fourth Class		Third Class		Second Class		First Class	
Core	NL112 A	NS100 *	NN204--	NE203--	NS310--	NL302--		NS40X--
	SC111 A	SC112 *	SP211--	SP212--		ES300--		NL400--
	SM121 V	SM122 A	SM221 *	SM222--	EE311--	EE312--	ES410--	
	FP130 A	HH104 *						
	HE111 A	HE112 *	HH205--	HH206--			HM SS1--	HM SS2--
Division						EN200--	EN300--	
Major								FR EL--
			SM261--	SM239--	SM339--	SM3XX--	MJ EL1--	MJ EL3--
				SM291--	SM331--	SM332--	MJ EL2--	MJ EL4--
					SM365--			

Things to consider

What is the connection between:

? ?

What is the connection between:

- selection of a major

? ?

What is the connection between:

- selection of a major

- and

? ?

What is the connection between:

- selection of a major

- and

- service selection

? ?

any USNA major

Remarks on selecting a major (1)

Remarks on selecting a major (1)

- Core: Naval Service, general education
  - breadth and MSE emphasis allows any service selection

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- Core: Naval Service, general education
  - breadth and MSE emphasis allows any service selection

- Major: match your interests, talents
  - depth is starting point for future development, graduate education

- Select a Division I or II major if you have the interest and ability
  - don't be deterred simply because you heard it's hard
  - don't choose if your math and chem grades are poor
  - SecNav encourages because Naval Service needs officers with advanced technical degrees

Remarks on selecting a major (2)

Remarks on selecting a major (2)

- Select a Division III major if you have the interest and ability
  - don't have a strong interest in MSE
  - do want to study a foreign language
  - enjoy reading, writing, history, literature, economics, government, law, etc

Remarks on selecting a major (2)

- Select a Division III major if you have the interest and ability
  - don't have a strong interest in MSE
  - do want to study a foreign language
  - enjoy reading, writing, history, literature, economics, government, law, etc

- One's major does *not* correlate with success (promotion, retention); performance in one's major does.

Remarks on selecting a major (3)

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- Choosing a major because you think it's "*easy*" won't get you where you want to go.

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- To be successful, you have to do well and, to do well, you have to be willing to work hard.

Remarks on selecting a major (3)

- Choosing a major because you think it's "*easy*" won't get you where you want to go.

- To be successful, you have to do well and, to do well, you have to be willing to work hard.

- Most of us work hardest at the things we enjoy or that match our abilities.

Remarks on selecting a major (4)

Remarks on selecting a major (4)

- Comparision with civilian colleges:
  - (−) Choice here made in freshman year with less experience.
 - (+) Choice is not connected with job at graduation and so it is freer.

Remarks on selecting a major (4)

- Comparision with civilian colleges:
  - (−) Choice here made in freshman year with less experience.
  - (+) Choice is not connected with job at graduation and so it is freer.

- Does my choice determine the course of my life?
  - No!

Remarks on selecting a major (4)

- Comparision with civilian colleges:
  - (−) Choice here made in freshman year with less experience.
  - (+) Choice is not connected with job at graduation and so it is freer.

- Does my choice determine the course of my life?
  - No!

- Is my choice irrevocable?
  - No!

Remarks on selecting a major (5)
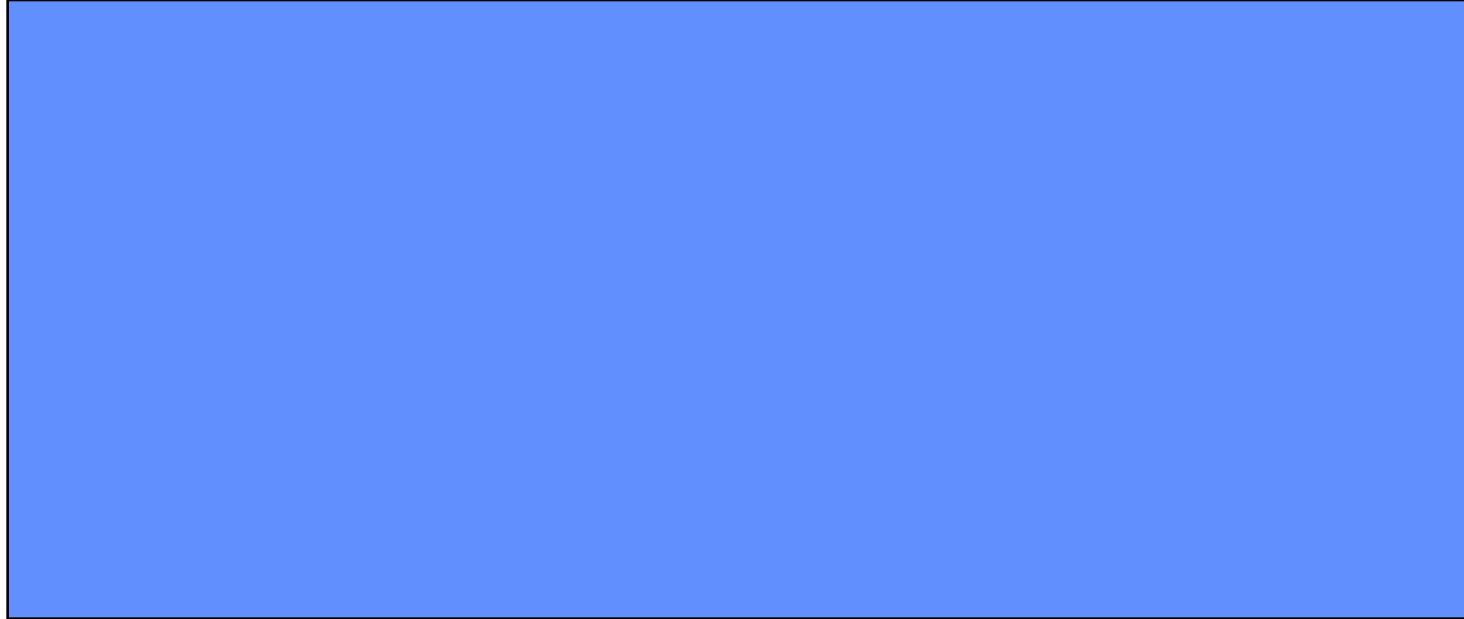
Remarks on selecting a major (5)

- Take an active role in selecting your major. *Don't wait until March.*

Remarks on selecting a major (5)

- Take an active role in selecting your major. *Don't wait until March*.

- Choose a major that will challenge you and will match *your* interests and abilities.

Selection process

Major Selection Process

Major Selection Process

- Indicate major preferences
  - 0700 Mon 10 Jan - 1200 Fri14 Jan
  - MIDS | Midshipmen | Major - Enter Preliminary Preferences

Major Selection Process

- Indicate major preferences
  - 0700 Mon 10 Jan - 1200 Fri14 Jan
  - MIDS | Midshipmen | Major - Enter Preliminary Preferences
- Select major
  - 0700 Mon 20 Mar - 1200 Fri 24 Mar
  - MIDS | Midshipmen | Major - Declare

Major Selection Process

- Indicate major preferences
  - 0700 Mon 10 Jan - 1200 Fri14 Jan
  - MIDS | Midshipmen | Major - Enter Preliminary Preference
- Select major
  - 0700 Mon 20 Mar - 1200 Fri 24 Mar
  - MIDS | Midshipmen | Major - Declare
- After major selection
  - 0700 Mon 27 Mar - 1200 Fri 31 Mar
  - see new academic adviser,
  - preregister for fall semester

Midshipmen Information System

hawk.usna.edu

United States Naval Academy

About MIDS

General Academics

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MAPR - Query
Major - Declare
Major - Enter Preliminary Preferences
Matrices - Query Current Midshipman

Major - Enter Preliminary Preferences

John M Doe/039999/1

No Records returned

[Add new record](#)

Input a number from 1 to 4 for Preference Rank

Enter values for new record

Major Code:	EEE
Preference Rank:	1

Insert   Clear

Success!
Row inserted

Major Code: EEE

Preference Rank: 1

Major - Enter Preliminary Preferences

John M Doe/039999/1

Major Code	Major Name	Preference Rank
EEE	ELECTRICAL ENGINEERING	1
SPH	PHYSICS	2
HHS	HISTORY	3
EME	MECHANICAL ENGINEERING	4

Records 1 to 4 of 4

Add new record

Special notes

Of special note

Of special note

- Language Study and Minors Program
  - Spanish, French, German, Russian, Japanese

Of special note

- Language Study and Minors Program
  - Spanish, French, German, Russian, Japanese
- Medical/Dental Corps
  - Quota: 15. Extremely selective: CQPR > 3.4.
  - Chemistry major?

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- Language Study and Minors Program
  - Spanish, French, German, Russian, Japanese
- Medical/Dental Corps
  - Quota: 15. Extremely selective: CQPR > 3.4.
  - Chemistry major?
- Nuclear Power Program
  - core math-engineering sequence and Nuclear Power School

Start exploring

Majors at USNA

Division I	Division II	Division III
Engineering & Weapons	Mathematics & Science	Humanities & Social Sciences
Aerospace Eng EAS	Chemistry SCH	Economics FEC
Electrical Eng EEE	Computer Sci SCS	English HEG
General Eng EGE	General Sci SGS	History HHS
Mechanical Eng EME	Mathematics SMA	Political Science FPS
Naval Arch ENA	Oceanography SOC	
Ocean Eng EOE	Physics SPH	
Systems Eng ESE	Quant Economics SQE	

Program	Room
Aerospace Eng....	117
Chemistry............	124
Computer Sci......	101
Economics.......	110,111
Electrical Eng......	113
English.................	127
General Eng........	105
General Science...	120
History.................	108
Languages *.........	103

* minors programs

Program	Room
Mathematics.......	122
Mechanical Eng..	105
Med/Dent **.......	124
Naval Arch.........	106
Nuc Power **......	126
Ocean Eng...........	107
Oceanography....	114
Physics................	121
Political Sci.........	116
Quant Economics	104
Systems Eng.......	112

** academic prepn

Ex Scientia Tridens